

# OPERATOR'S MANUAL

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**T7.220**

**T7.235**

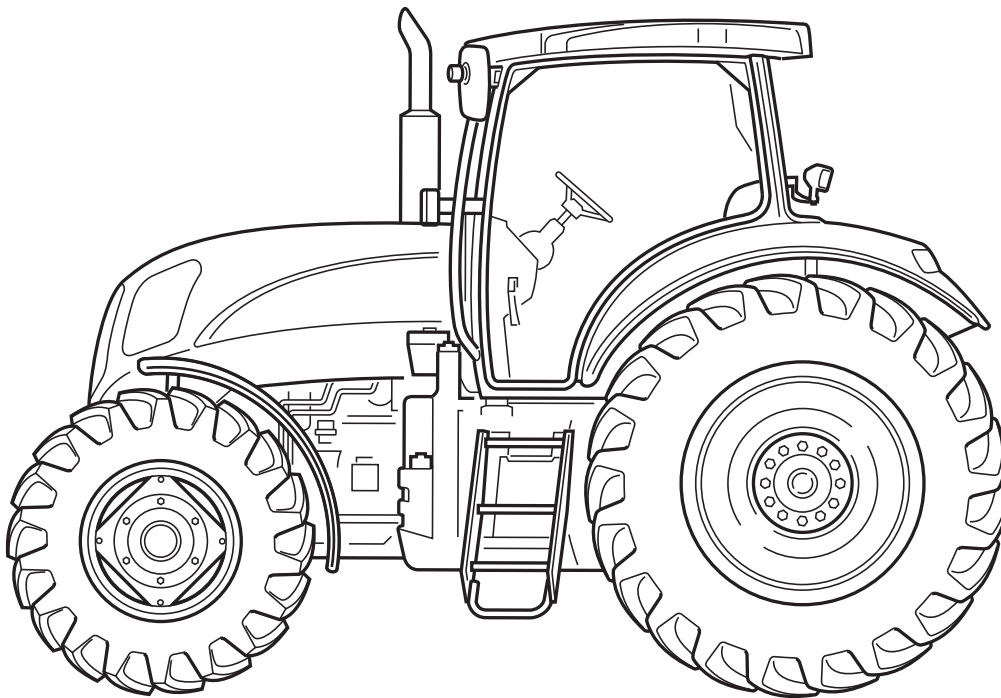
**T7.250**

**T7.260**

**T7.270**

Sidewinder II™

Auto Command - Power Command Tractors



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## OPERATOR'S MANUAL



**T7.220 AutoCommand , T7.220 Power Command , T7.235 AutoCommand ,  
T7.235 Power Command , T7.250 AutoCommand , T7.250 Power Command ,  
T7.260 AutoCommand , T7.260 Power Command , T7.270 AutoCommand**

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# 1 - GENERAL INFORMATION

## METRIC AND IMPERIAL UNITS ABBREVIATIONS

Typical applications	Metric unit		Imperial unit	
	Name	Symbol	Name	Symbol
Area (Land area)				
	hectare	<b>ha</b>	acre	<b>ac</b>
	square meter	<b>m<sup>2</sup></b>	square foot	<b>ft<sup>2</sup></b>
	square millimeter	<b>mm<sup>2</sup></b>	square inch	<b>in<sup>2</sup></b>
Electricity				
	ampere	<b>A</b>	ampere	<b>A</b>
	volt	<b>V</b>	volt	<b>V</b>
	microfarad	<b>μF</b>	microfarad	<b>μF</b>
	ohm	<b>Ω</b>	ohm	<b>Ω</b>
Force				
	kilonewton	<b>kN</b>	pound	<b>lb</b>
	newton	<b>N</b>	pound	<b>lb</b>
Force per length				
	newton per meter	<b>N/m</b>	pound per foot	<b>lb/ft</b>
			pound per inch	<b>lb/in</b>
Frequency				
	megahertz	<b>MHz</b>	megahertz	<b>MHz</b>
	kilohertz	<b>kHz</b>	kilohertz	<b>kHz</b>
	hertz	<b>Hz</b>	hertz	<b>Hz</b>
Frequency - Rotational				
	revolution per minute	<b>r/min</b>	revolution per minute	<b>r/min<sup>a</sup></b>
		<b>rpm</b>		<b>rpm</b>
Length				
	kilometer	<b>km</b>	mile	<b>mi</b>
	meter	<b>m</b>	foot	<b>ft</b>
	centimeter	<b>cm</b>	inch	<b>in</b>
	millimeter	<b>mm</b>	inch	<b>in</b>
	micrometer	<b>μm</b>		
Mass				
	kilogram	<b>kg</b>	pound	<b>lb</b>
	gram	<b>g</b>	ounce	<b>oz</b>
	milligram	<b>mg</b>		
Mass per Mass				
	milligram per kilogram	<b>mg/ kg</b>		
Power				
	kilowatt	<b>kW</b>	horsepower	<b>Hp</b>
	watt	<b>W</b>	Btu per hour	<b>Btu/hr</b>
			Btu per minute	<b>Btu/min</b>
Pressure or stress (Force per area)				
	kilopascal	<b>kPa</b>	pound per square inch	<b>psi</b>
			inch of mercury	<b>inHg</b>
	pascal	<b>Pa</b>	inch of water	<b>inH<sub>2</sub>O</b>
	megapascal	<b>MPa</b>	pound per square inch	<b>psi</b>

1 - GENERAL INFORMATION

Typical applications	Metric unit		Imperial unit	
	Name	Symbol	Name	Symbol
Temperature (other than Thermodynamic)				
	degrees Celsius	°C	degrees Fahrenheit	°F
Time				
	hour	<b>h</b>	hour	<b>h</b>
	minute	<b>min</b>	minute	<b>min</b>
	second	<b>s</b>	second	<b>s</b>
Torque (includes Bending moment, Moment of force, and Moment of a couple)				
	newton meter	<b>N m</b>	pound foot	<b>lb ft</b>
			pound foot	<b>lb in</b>
Velocity				
	kilometer per hour	<b>km/h</b>	mile per hour	<b>mph</b>
	meter per second	<b>m/s</b>	foot per second	<b>ft/s</b>
	millimeter per second	<b>mm/s</b>	inch per second	<b>in/s</b>
	meter per minute	<b>m/min</b>	foot per minute	<b>ft/min</b>
Volume (includes Capacity)				
	cubic meter	<b>m<sup>3</sup></b>	cubic yard	<b>yd<sup>3</sup></b>
				<b>cu yd</b>
	liter	<b>l</b>	cubic inch	<b>in<sup>3</sup></b>
	liter	<b>l</b>	US gallon	<b>US gal</b>
			UK gallon	<b>UK gal</b>
			US quart	<b>US qt</b>
			UK quart	<b>UK qt</b>
	milliliter	<b>ml</b>	fluid ounce	<b>fl oz</b>
Volume per time (includes Discharge and Flow rate)				
	cubic meter per minute	<b>m<sup>3</sup>/min</b>	cubic foot per minute	<b>ft<sup>3</sup>/min</b>
	liter per minute	<b>l/min</b>	US gallon per minute	<b>US gal/min</b>
	milliliter per minute	<b>ml/min</b>	UK gallon per minute	<b>UK gal/min</b>
Sound power level and Sound pressure level				
	decibel	<b>dB</b>	decibel	<b>dB</b>

**Glossary**

Acronym	Definition
DEF	Diesel Exhaust Fluid
ISO	International Organization for Standardization
MSDS	Material Safety Data Sheet
NOx	Nitrogen Oxide
PPE	Personal Protective Equipment
SCR	Selective Catalytic Reduction
ULSD	Ultra Low Sulfur Diesel
%	Percent
<	Less than
>	Greater than

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